



CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT
FOR FLOOD CONTROL WORKS
Honolulu Engineer District
CEPOH-EC-T

Wailoa06rpt-fcp.doc

1. Project Name: Wailoa FCP
2. Date of Inspection: October 17, 2005
3. Inspection Personnel:

Name	Agency/Office	Telephone No.
a. Dan Meyers	COE	438-8875
b. Robert Aguiar	DPW Highway Maintenance	961-8637

4. Discussion:

The project provides for approximately 4,080 feet long channel, three diversion channels totaling 1,800 feet in length, and eight diversion levees totaling 8,073 feet in length. The channel invert had minimal flow during the inspection.

5. Ratings for FY06
Project Rating: "S, Satisfactory"
Project Condition Code: "A, Acceptable"
Project Status: "Active"

There has been a substantial improvement in DPW's maintenance of this flood control project. An outstanding effort has been accomplished in restoring maintenance road access and the removal of old growth trees which overhung the right and left banks of the stream.



- a. Sta. 90+00, Right Bank (RB) Looking Upstream at Levee #1, continue to remove vegetation.



LB, Maintenance Rd. being constructed/cleared



- b. Sta. 89+00, LB, maintenance access road being constructed.

LB, Maintenance Rd.



- c. Sta. 75+00, Right Bank (RB) Looking Downstream at Levee #2, continue to herbicide vegetation growing in weep holes and construction joints.



d. Sta. 74+50, RB, monitor head-cutting adjacent the toe of the sideslope.



e. Sta. 59+00, Right Bank (RB) at Levee #3, trees removed from sideslope.



f. Sta. 59+24, Right Bank (RB), Looking Downstream at Levee #3, continue to herbicide vegetation growing on sideslope.



g. Sta. 58+75, RB, Looking Downstream, Levee #3, remove dead trees and patch CRM.



h. Sta. 50+00, Looking Downstream at Levee #4, continue to herbicide vegetation growing on CRM, good maintenance.



i. Sta. 45+00, Centerline, Looking Downstream on Levee #5.



j. Sta. 44+00, Overview, excellent maintenance.



k. Sta. 43+00, Left Bank (LB), 2004 repairs.



- l. Sta. 43+75, RB, overhanging trees from sideslope have been removed. (LB, USGS Stream Gauge).



- m. Sta. 43+00 LB, Looking Downstream, trees removed, excellent maintenance.



- n. Sta. 35+00, Left Bank, trees removed & maintenance access restored.



- o. Sta. 29+00, LB. trees cut on maintenance access road and sideslope.



p. Sta. 27+50, LB, trees removed.

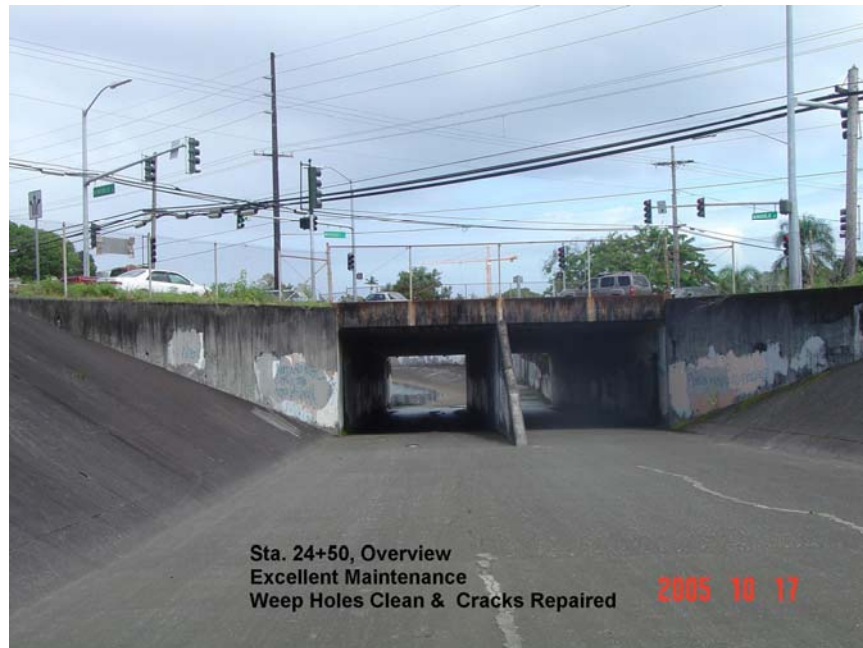


q. Sta. 27+00, LB, herbicide and remove vegetation, unable to inspect sideslope.



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r. Sta. 24+50, Above Kinoole Street Bridge, cracking invert repaired.



s. Sta. 23+00, Invert, Clean weep holes and construction joints.



t. Sta. 18+00, Overview, Looking Downstream of Kinoole Street Bridge, herbicide and remove vegetation from sideslope and weep holes.



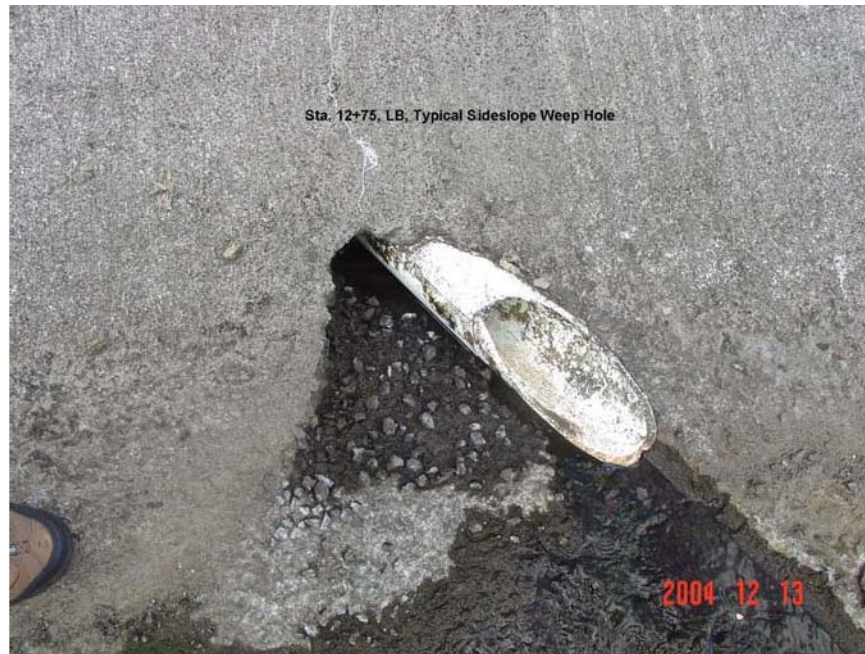
u. Sta. 14+00, overview of recent repairs.



v. Sta. 13+25, LB, eroding concrete adjacent weep holes noted last inspection, monitor.



w. Sta. 12+75, LB, Note eroding concrete adjacent weep holes, 2004 photo.



x. Sta. 12+75, LB, Note eroding concrete adjacent weep holes, 2004 photo.



z. Sta. 10+50 to Sta. 6+00, LB & RB, overview of recent repairs.



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aa. Sta. 3+25, LB, remove tree from townside of levee.

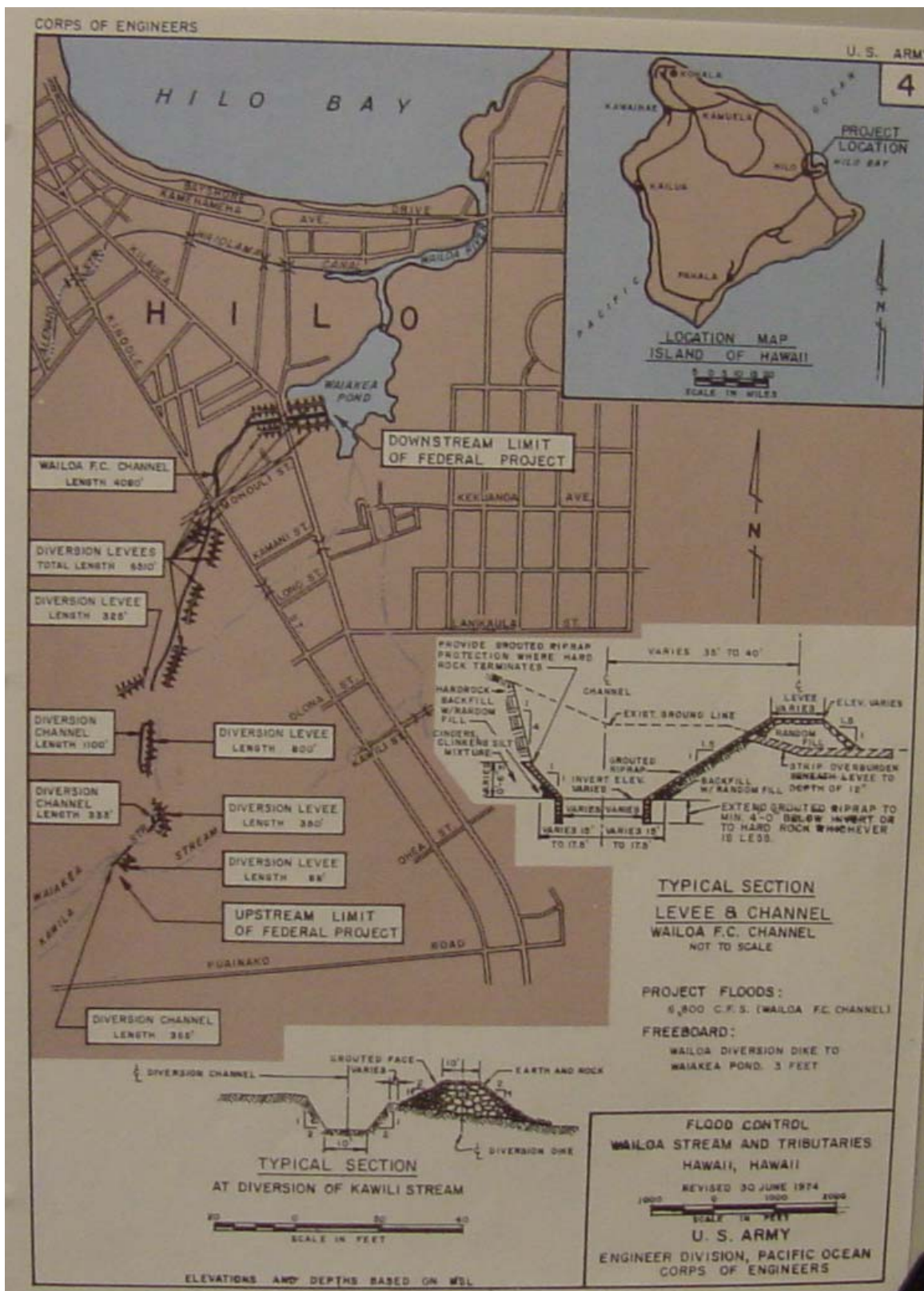
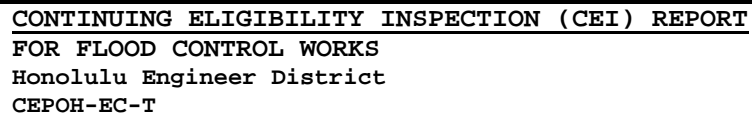
6. Findings/Conclusions:

In accordance with EP 500-1-1, (dated 30 September 2001), and based on this CEI, the Project Rating is "S, SATISFACTORY" and the Project Condition Code is "A, ACCEPTABLE" and the project is considered "ACTIVE" in the Rehabilitation and Inspection Program.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
James Pennaz, P.E., CH, CEPOH-EC-T

Enclosure(s)
1. Site Plan





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WAILOA STREAM AND TRIBUTARIES, HAWAII, HAWAII Condition of Improvement, 30 June 1967

LOCATION: Wailoa Stream and its tributary streams of Waiakea and Kawili are within the city of Hilo, on the northeast sector of the island of Hawaii.

AUTHORITY: The project was authorized by the Flood Control Act of 3 September 1954.

PROJECT: The existing project provides for (a) a channel 355 feet long and a levee 88 feet long to divert the Kawili Stream flows into Waiakea Stream; (b) a channel 333 feet long and a levee 350 feet long to divert the combined flows of Waiakea and Kawili Streams into a long and narrow swale area; (c) a channel 1,100 feet long and levee 800 feet long to protect the University of Hawaii Hilo Campus Dormitory; (d) two small diversion levees, one 75 feet long and the other 190 feet long, to divert the flows from the swale area to a new channel 4,680 feet long; and (e) earth levee totaling 6,510 feet along the channel.

PROGRESS OF WORK: Construction of the project was completed in August 1965.

COST OF CONSTRUCTION:

	<u>New Work</u>	<u>Maintenance</u>	<u>Total</u>
Federal (Corps of Engineers) Funds	\$1,044,888	0	\$1,044,888
Contributed Funds	<u>0</u>	<u>0</u>	<u>0</u>
Total Cost	\$1,044,888	0	\$1,044,888